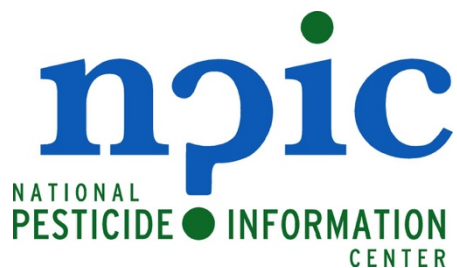


NPIC Special Report

Prepared For: Ana Rivera-Lupiáñez

Inquiries involving registration number 53883-328

Date range: 1/1/2015 - 2/14/2020



NPIC is a cooperative agreement between Oregon State University and the U.S. Environmental Protection Agency (cooperative agreement X8-83947901)

Important Information - Please Read

Explanatory Information --

This report is prepared for use only by the person/party representing the individual, state or federal agency requesting the report.

The text in each narrative section is taken directly from the NPIC Pesticide Incident Database (PID) in "raw" form. Thus, the reader may find occasional misspellings, typos, poor sentence structure, and/or grammatical errors.

For some inquiries to NPIC, there may be no specific active ingredient named, for others there may be more than one active ingredient. Also, the person making the inquiry may not know the name or correct name of the pesticide product(s) involved - NPIC generally records the product name provided.

Disclaimer --

Material presented in this report is based on information as provided to NPIC by individuals who have contacted NPIC for information or to report a pesticide incident. None of this information has been verified or substantiated by independent investigation by NPIC staff, laboratory analysis, or by any other means. NPIC characterizes the information provided by assigning a certainty index and a severity index. The certainty index reflects the relationship between reported signs/symptoms and the expected signs/symptoms in the available literature about the active ingredient(s). The exposure scenario(s), route(s), and timing are also considered. The severity index characterizes the severity of reported signs/symptoms. NPIC makes no claims or guarantees as to the accuracy of the indexes or narratives, other than that NPIC has done its best to accurately document the information provided by the inquirer(s).

Confidentiality Agreement --

The person/party for whom this report was requested/prepared, as identified in this report, agrees to hold confidential the following information:

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The use of this report in part or entirety by the person/party for whom the report was requested/prepared signifies acceptance by that person/party of the aforementioned confidentiality conditions.

Date: 2019-08-05 01:04:00.0

Specialist: AC

Inq. Type: Information

Origin: Email/Web

Inquirer:

City, State: UN

Gender: Male

Region:

Country: United States

Type of Person: General Public

Ref. From: NPIC Website

Language: English

Questions: Cleanup

Actions: Emailed Info
Provided Manuf. / Distributor Contact
Provided NPIC Website

Products: Product 1:
Reg. Num.: 53883-328
Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL

Narrative: Email Received:
I found your site extremely helpful, but couldn't find any information regarding chemically neutralizing the pesticide "FUSE Termiticide"
<https://www.amazon.com/Termiticide-Insecticide-Fipronil-Imidacloprid-Ounce/dp/B00XNSHP5E>

It lists two active ingredients:
21.4% Imidacloprid
6.6% Fipronil

I'd like to sell or give away the shelves it was stored on, but can't do it in good conscience without knowing it's safe for indoor/kid's toy's use.

I have a few dozen of the most common acids/bases/salts in my hobby garage lab, but don't know which would be safe/indicated to use to neutralize these substances.

Any info or sites to research would be appreciated!
Thanks for your time!

Email Response:
Thank you for your email and your interest in our website.
Unfortunately, we are unaware of specific guidance for cleaning the product you mentioned and we are unable to provide any advice. The

product is formulated with "other/inert" ingredients that are not made publicly available. These ingredients could change the chemical properties of the formulation.

You may consider contacting the manufacturer of the product to see if they recommend any cleaning techniques specifically. I'm providing their contact information below:

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507
(800) 242-5562
(281) 892-2500
(866) 897-8050
<http://www.controlsolutionsinc.com>

For locating contact information of other pesticide manufacturers, visit this link: <http://npic.orst.edu/ingred/manuf.htm>

Depending on the type of shelf, the cleaning instructions may be more or less relevant. For example, porous materials may not be able to be cleaned. If you haven't seen it already, several cleaning considerations are provided in this fact sheet:

Cleaning up after indoor pesticide misuse
<http://npic.orst.edu/factsheets/cleanup.html>

If you have additional questions, please contact us at 800-858-7378, Monday - Friday from 8:00am to 12:00pm Pacific Time to speak directly with a Pesticide Specialist.

Date: 2019-06-12 08:23:00.0

Specialist: AL

Inq. Type: Information

Origin: Phone

Inquirer:

City, State: CROWNSVILLE, MD

Gender: Male

Region: 3

Country: United States

Type of Person: General Public

Ref. From: State Lead

Language: English

Questions: Health

Actions: Verbal Info
No contact information provided
Discussed Following the Label

Products: Product 1:
Reg. Num.: 53883-328
Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL

Narrative: Caller seeking information on the potential risks for well water contamination from EPA registration number 53883-328 (active ingredients imidacloprid, fipronil), and potential health risks from its use for termites. Caller reported that he is buying a house and termites were found during the inspection. Caller reported that the seller hired a Pest Control Company that did a rod injection treatment of the product around the perimeter of the home, but the caller contacted a different Pest Control Company which was alarmed by that application because they have a well on the property. Caller reported that his Pest Control Company told him they should've just used a bait station product. Caller reported that the well is 42 feet from the home, is 200 feet deep, and the soil is mostly sand and gravel for the first 60 feet, but there is a 100 foot layer of clay. Caller reported that he is "freaking out a bit".

Discussed NPIC services. Discussed the label and the law, including it being the responsibility of the Pest Control Company to follow the label directions. Discussed that the label contained some limitations, including not applying the product within five feet of a well and not applying in an area with shallow groundwater. Discussed the chemical properties of the active ingredients, including soil adsorption, water solubility, and soil mobility (NPIC Fact Sheets).

Date: 2019-03-27 08:56:00.0

Specialist: SB

Inq. Type: Incident

Origin: Phone

Inquirer:

City, State: LEANDER, TX

Gender: Male

Region: 6

Country: United States

Type of Person: General Public

Ref. From: EPA

Language: English

Questions: Chemical
Food Safety
Health
Report an incident

Actions: Verbal Info
No contact information provided
Discussed Ways to Minimize Exp.

Special Circumstances: Important/Interesting

Inquirer exposure: No exposure for Inquirer

Products: Product 1:
Reg. Num.: 53883-328
Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: FIPRONIL
AI: IMIDACLOPRID

Other entity exposure info: Entity Type: Single Animal
Symptoms: Asymptomatic
Severity: Asymptomatic
Species: Canine
Breed: silky terrier
Age: 8.0 years
Weight: 5.0 kg
Gender: Female Neuter

Product 1:
Reg. Num.: 53883-328
Prod. Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL
Exposure Type: Exposure: Dermal

**Other entity
exposure info:**

Location: Home - Outside

Entity Type: Home Garden

Product 1:

Reg. Num.: 53883-328

Prod. Name: CSI IMIDACLOPRID + FIPRONIL SC

AI: IMIDACLOPRID

AI: FIPRONIL

Exposure Type: Misapplication: PCO

Location: Home - Outside

**Other entity
exposure info:**

Entity Type: Single Animal

Symptoms: Consistent Symptoms

Certainty: Consistent

Severity: Minor

Species: Canine

Breed: silky terrier

Age: 10.0 years

Weight: 6.8181815 kg

Gender: Male Neuter

Product 1:

Reg. Num.: 53883-328

Prod. Name: CSI IMIDACLOPRID + FIPRONIL SC

AI: FIPRONIL

AI: IMIDACLOPRID

Exposure Type: Exposure: Dermal

Location: Home - Outside

Narrative:

Caller seeking health, chemical and food safety information and to report an incident. Caller reported he'd talked to EPA and his State Lead Pesticide Agency about issues with a recent pesticide application by a Pest Control Company at his home. Caller reported EPA and state lead directed him to NPIC to report the incident and for questions he had about health risks to his dogs and environmental fate in relation to soil and outdoor plants.

Caller reported the day before the call, a Pest Control Company was supposed to spray EPA registration number 53883-328 (active ingredients imidacloprid, fipronil) to specific areas around the outside of his house. Instead, caller said they sprayed the sides of his home, on his garden plants and in a patio area that his dogs had access to. Caller reported he had home surveillance video that showed him how they had sprayed the dogs and plants.

Caller reported the dogs were running in and out of a patio area through a doggie door during the spraying. Caller reported the dogs, both silky terriers (one a 10-year-old, 15-pound fixed male and the other a 8-year-old, 11-pound fixed female), got the spray on their fur and feet. Caller reported there were no symptoms for the female dog. Caller initially reported the male dog to be asymptomatic, too, but after the specialist discussed signs of toxicity from the scientific literature for fipronil, the caller reported the male was shaking, walking with a hunched posture and acting weird the day before the call, following the application. Caller reported the male dog no longer had symptoms by the day of the call. Caller reported the male dog also will shake whenever he's told he's going to the vet. Caller reported he immediately bathed his dogs with Dawn soap after he found they'd been sprayed.

Caller reported the Pest Control Company also sprayed plants in his home garden, which included fruit trees (plum, pear, figs, lemon, peach, loquat and pomegranate) and a blackberry bush. Caller reported some of the trees were in bloom at the time and that some of them, such as the lemon, were planted in containers.

Caller asked about the symptoms that might arise with the dogs, the product's persistence in soil, how plants took it up and the risks of eating the fruit. Caller said he also wanted to provide information about his situation so it would be documented.

Discussed NPIC services, including NPIC's data collection practices and limitations, such as not being a regulatory authority. Discussed contacting his vet or animal Poison Control Center about his dogs, at which point caller said he'd talked to ASPCA already. Discussed signs of toxicity, fate in the body, carcinogenicity and environmental fate (half-lives and plant uptake) for the active ingredients (NPIC General and Technical Imidacloprid and Fipronil Fact Sheets). Discussed what pesticide tolerances are and that no tolerances existed for his types of fruits except for imidacloprid on pomegranate (e-CFR data). Discussed ways to minimize exposure, including bathing his dogs as he had done, replacing soil around his fruit plants with clean soil and avoiding eating the fruit. Discussed risk equation concepts, including toxicity, exposure, concentrations of the active ingredients in the product (a concentrate formulation) and possible dilution before the Pest Control Company applied it.

Date: 2018-06-03 04:19:00.0

Specialist: SB

Inq. Type: Incident

Origin: Voice Mail

Inquirer:

City, State: UN

Gender: Female

Region:

Country: United States

Type of Person: General Public

Ref. From: Not Obtained

Language: English

Questions: Health

Actions: Verbal Info
No contact information provided

Inquirer exposure: Entity Type: Female
Symptoms: Consistent Symptoms
Certainty: Consistent
Severity: Minor
Age: 62.0 years

Products: Product 1:
Name: Temprid SC
AI: CYFLUTHRIN
AI: IMIDACLOPRID
Exposure Type: Exposure: Inhalation
Location: Home - Inside
Product 2:
Reg. Num.: 53883-328
Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL
Exposure Type: Exposure: Inhalation
Location: Home - Inside

Other entity exposure info: Entity Type: Single Animal
Symptoms: Consistent Symptoms
Certainty: Consistent
Severity: Minor
Species: Canine
Breed: Siberian
Age: 8.0 years
Weight: 20.0 kg
Gender: Female Neuter

Product 1:
Reg. Num.: 53883-328

Reg. Num.: 53883-328
Prod. Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL
Exposure Type: Exposure: Inhalation
Location: Home - Inside

Product 2:
Prod. Name: Temprid SC
AI: IMIDACLOPRID
AI: CYFLUTHRIN
Exposure Type: Exposure: Inhalation
Location: Home - Inside

**Other entity
exposure info:**

Entity Type: Male
Symptoms: Asymptomatic
Severity: Asymptomatic
Gender: Male

Product 1:
Reg. Num.: 53883-328
Prod. Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL
Exposure Type: Exposure: Inhalation
Location: Home - Inside

Product 2:
Prod. Name: Temprid SC
AI: IMIDACLOPRID
AI: CYFLUTHRIN
Exposure Type: Exposure: Inhalation
Location: Home - Inside

Narrative:

Voice mail message. Returned call at 08:28 6/4/18. Caller, 62, health seeking information about EPA registration number 53883-328 (active ingredients imidacloprid, fipronil) and Temprid SC (active ingredients imidacloprid, cyfluthrin). Caller reported she had a Pest Control Company spray the products inside and outside her home 2 days before the NPIC call. Caller reported she was told the product would be odorless and safe for pets. Caller reported the Pest Control Company told her to wait 2 hours before re-entering. Caller reported she waited the 2 hours but noticed an odor immediately upon re-entering the home. Caller reported about a half-hour after smelling the odor, she began having symptoms. Caller reported these included sore throat, swollen glands and burning eyes. Caller reported her dog (8 years, 44 lbs., fixed female, Siberian) began sneezing immediately upon re-entering the home and developed a runny nose and "choking." Caller reported her husband (age unknown) also was in the home after the application. Caller reported there were no symptoms for him.

Discussed signs of toxicity and fate in the body for the 3 active ingredients (NPIC Fact Sheets). Attempted to obtain additional information about the situation, such as the husband's age, but call disconnected before husband's age, zip code and other details could be collected.

Date: 2015-10-28 11:07:00.0

Specialist: COL

Inq. Type: Information

Origin: Phone

Inquirer:

City, State: PHOENIX, AZ

Gender: Male

Region: 9

Country: United States

Type of Person: General Public

Ref. From: On-file

Language: English

Questions: Application

Actions: Discussed Following the Label
Discussed Ways to Minimize Exp.
Verbal Info
No contact information provided

Products: Product 1:
Reg. Num.: 53883-328
Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL

Narrative: Associated log 10111. Caller seeking information about whether EPA registration number 53883-328 (active ingredients imidacloprid, fipronil) can be used in a home or around the outside perimeter of a home. Discussed NPIC services. Discussed the label and the law and discussed the restrictions related to indoor use and the clean up of spills and other applications listed on the federal label. Discussed that state labels can be more, but not less, restrictive than the federal labels. Discussed risk equation concepts, including product signal word and routes of exposure. Discussed environmental fate of active ingredient, including the vapor pressure of fipronil and imidacloprid (NPIC Fact Sheets). Discussed ways to minimize exposure, including moving or covering sensitive items, closing windows and turning of the air conditioner before the application, keeping people and pets inside during the application, and not reentering treated areas until they are dry, or for the time listed on the label, whichever is longer.

Date: 2015-10-28 11:01:00.0
Specialist: SP
Inq. Type: Information
Origin: Phone
Inquirer:
City, State: PHOENIX, AZ
Gender: Female
Region: 9
Country: United States
Type of Person: General Public
Ref. From: Pest Control Company
Language: English
Questions: Application
Actions: Verbal Info
No contact information provided

Products: Product 1:
Reg. Num.: 53883-328
Name: CSI IMIDACLOPRID + FIPRONIL SC
AI: IMIDACLOPRID
AI: FIPRONIL

Narrative: Caller seeking if the upcoming treatment by a Pest Control Company with EPA registration number 53883-328 (active ingredients imidacloprid, fipronil) is approved for home use. Caller reported she does not have product details. Discussed NPIC services. Discussed contacting the Pest Control Company and getting the EPA registration number of the product. Caller reported she will call back with the EPA registration number.

Repeat caller, see log 10111, caller provided EPA registration number.